

Resume

Matija Radovic

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Address: 301 Dupont Hall
Newark, DE 19711

Employment Summary:

Research Assistant -University of Delaware, Newark, DE

Duties: Designing highway steel bridges using AASHTO LRDF code, finite element modeling of highway steel bridges, load rating calculations, computer programming, report writing, grant writing, research paper writing, drawing bridge plans using CAD, teaching structural engineering classes for undergraduate students.

Engineer in Training- City of Omaha, Department of Public Works, Omaha, NE

Duties: Inspecting city streets, traffic surveys, verifying design of intersection traffic signals, writing work orders for city traffic crews, conducting field traffic studies, parking permit studies, analyzing traffic accidents, digitizing accident reports.

Building Inspector and Energy Auditor- Kiewit Building Group, Omaha, NE

Duties: Inspecting building's energy efficiency. Verifying building's floor plans, MEP equipment and building's inventory and comparing it with the construction plans. Collecting building's data on energy consumption, illumination, air quality and noise. Analyzing data and writing energy auditing and building inspection reports suggesting improvements and cost savings.

Education:

B.S. Civil Engineering and M.S. Construction Engineering, University of Nebraska (2006-2012)

PhD at Civil Engineering Department, University of Delaware (Spring 2017)

Technical Skills:

- Design: AASHTO LRDF Bridge Design, ASCE Minimum Design Loads for Buildings, ASTM RS Means for Construction Cost Estimating
- CAD software: AutoCAD 3D, Microstation, Revit Architecture, SketchUp
- Structural software: LEAP Steel Bridge, STAAD, Risa, SAP2000, RAM Structure,

Job Qualifications:

EIT certified, experience dealing with city and state ordinances related to traffic and public works projects, experience with inspecting intersection signalization and street improvements, extensive knowledge in designing and evaluating structural elements of highly skewed steel bridges, experience in calculating bridge specifications and cost estimates.

References:

Dr. McConnell Jennifer, Associate Professor, University of Delaware, Newark DE
Phone: 302- 831-6056

Mr. Todd Pfitzer, City Engineer for the City of Omaha, NE
Phone: 402-444-5220